

iQuarius™

Mobile Water Leak Detection

An Easy-to-Use Leak Detection
All-in-One Solution



Aquarius Spectrum is a leading provider of acoustic leak detection solutions for all types of water networks. Our field proven innovative Smartphone App. Enables

One click survey; Easy correlation; Real-Time web interface.

A game changer in the leak detection market solutions

Operation and maintenance of a municipal water pipes infrastructure traditionally requires a tremendous investment in leak detection equipment. This kind of equipment is usually cumbersome to carry and complex to use.

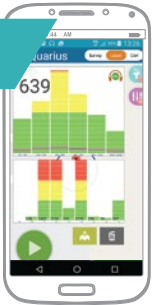
Our mobile solutions, the gold standard in the industry, provide a proven user-friendly capability for listening, surveying, correlating and generating a complete map-based data presentation of pinpointed leaks. Recording data by teams which do not require any pre-training, is one of the key advantages of the mobile system.

Aquarius Spectrum innovative and revolutionary solution is affordable and easy-to-use. Our cutting edge patented technology is packed into a small easy to go kit, includes all the necessary equipment for an independent water leaks detection survey, fits all kinds of end users – from beginners to professional. The device that is connected to a smartphone, using a dedicated Android App., featuring a cloud-based analytical system and performs most of the operations and audit automatically.

iQuarius™ Mobile Solution

An easy-to-use, portable, all-in-one solution.

All data generated through our solution is recorded locally, analyzed immediately on our servers and available for viewing via any browser. Our compact mobile sensors combined with our top of the line analysis software - can successfully tackle all water leakage challenges, meeting our customers' needs such as pipe listening, survey and correlation.



Listening

Ultra sensitive microphone for vibration & sounds

- Clear sound "Frequency shift" technique enables listening to plastic pipes
- Provides graphic presentation of frequencies

Survey

One click operation

- Automatic acoustic map generation
- Each sample is represented by intensity number and color
- Automatic filtering of background noise



Correlation

One man operation

- Automatic leak detection and location
- Cloud based analysis
- Enable GIS pipe data integration

Web Application

- All measurements are updated and stored in real time on the web
- An acoustic map of surveyed area highlights suspected leaks location



iQuarius™ Models

iQ100

- Listening survey capabilities
- 1 Acoustic Sensor

iQ200

- Listening, survey and Correlation capabilities
- 2 Acoustic Sensors, listening stick, ground adapters

iQ300

- Listening, survey and Correlation capabilities
- 2 Acoustic Sensors, listening stick, ground adapters
- 2 Hydrophone sensors

*Android application available through Google Play store



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